



# National Weather Service

## Storm Data and Unusual Weather Phenomena



July 1996

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Injured	Property	Crops	
<b><u>SOUTH DAKOTA, West</u></b>									
<b>Fall River County</b>									
Edgemont	03	2100MST 2102MST			0	0			Thunderstorm Wind (G65)
<b>Tripp County</b>									
Winner	05	2018MST 2020MST			0	0			Thunderstorm Wind (G72)
<b>Butte County</b>									
10 NE Belle Fourche to 45 E Belle Fourche	05 06	2100MST 0030MST			0	0	2K	4.5M	Tstm Wind/Hail
<b>Butte County</b>									
15 E Belle Fourche	05	2130MST 2145MST			0	0			Hail (2.00)
<b>Butte County</b>									
Nisland	05	2130MST 2145MST			0	0			Thunderstorm Wind (G87)
3 silos and numerous buildings destroyed. 1200 trees damaged. One car garage lifted and moved 60 feet									
<b>Meade County</b>									
30 N Rapid City	05	2130MST 2200MST			0	0	250K		Thunderstorm Wind (G87)
54 64,000 volt transmission poles downed. 50 power distribution poles downed.									
<b>Meade County</b>									
25 NE (Rca)Ellsworth A	05	2200MST 2215MST			0	0			Thunderstorm Wind (G87)
Windows blown out of house. Fist-sized holes created on interior walls by wind driven debris/glass.									
<b>Meade County</b>									
28 E Sturgis	05	2200MST 2245MST			0	0			Hail (2.00)
20 horses killed. Travel trailer destroyed. 1400 acres of wheat destroyed.									
<b>Butte County</b>									
Vale	05	2225MST 2227MST			0	0			Thunderstorm Wind (G61)
<b>Meade County</b>									
20 NE Sturgis	05	2250MST 2252MST			0	0			Thunderstorm Wind (G61)
<b>Meade County</b>									
15 NE Sturgis to 45 NE Rapid City	05 06	2330MST 0230MST			0	0		5M	Tstm Wind/Hail
<b>Pennington County</b>									
50 ENE (Rap)Rapid City	06	0005MST 0030MST			0	0	1M	5M	Tstm Wind/Hail

Beginning Friday, July 5, 1996 and lasting through the early morning of July 6, a severe thunderstorm with large hail and damaging winds destroyed over 200,000 acres of cropland (and damaged an additional 300,000 acres) in Butte, Meade and Pennington counties. Hundres of sheep, cattle and horses were killed in a swath of detruction over 100 miles long and 4 to 5 miles wide. From near Belle Fourche (in Butte County) through Creighton (in Pennington county), an estimated 9.5 million dollars in crop and property damage was sustained. 104 power lines were toppled in less than an hour in norten Meade county.



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### SOUTH DAKOTA, West

#### Custer County

18 SW Hermosa	06	0030MST 0045MST			0	0			Hail (0.75)
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Several cars and trucks were damaged.

#### Custer County

18 SW Hermosa	06	0030MST 0045MST			0	0			Thunderstorm Wind (G70)
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Several ranches along county road 16 reported wind damage. Doors were blown off a storage building. Roofs suffered extensive damage from the wind. Large limbs were ripped from trees. 100 percent crop loss occurred at one ranch.

#### Shannon County

10 NW Sharps Corner	07	1315MST 1320MST			0	0			Hail (1.75)
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Golf ball sized hail fell on Badlands National Park Visitor's Center.

#### Tripp County

Lone Star	07	1500MST 1510MST			0	0			Hail (0.75)
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#### Meade County

Sturgis	16	1715MST 1730MST			0	0			Hail (1.00)
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#### Butte County

40 NE Belle Fourche	16	1715MST 1730MST			0	0			Hail (2.00)
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#### Butte County

Newell	16	1900MST 1910MST			0	0			Hail (1.50)
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#### Meade County

20 SW Faith	16	2130MST 2150MST			0	0			Hail (2.00)
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#### Perkins County

Meadow	17	1340MST 1345MST			0	0			Hail (1.00)
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#### Pennington County

Hill City	20	2045MST 2050MST			0	0			Hail (1.00)
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#### Pennington County

Hill City	20	2047MST 2050MST			0	0			Hail (1.75)
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#### Pennington County

Mount Rushmore	20	2055MST 2105MST			0	15	150K		Hail (2.00)
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300 to 500 people caught in hail storm. Over 100 vehicles damaged.

#### Pennington County

Keystone	20	2100MST 2105MST			0	0			Hail (1.75)
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#### Custer County

Hermosa	20	2115MST 2120MST			0	0			Hail (2.00)
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#### Pennington County

10 S Rapid City to Rapid City	20	2122MST 2145MST			0	0			Hail (0.75)
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Hail was 2 inches deep on highway 79.



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<b><u>SOUTH DAKOTA, West</u></b>									
Custer County Fairburn	26	1445MST 1450MST			0	0			Hail (0.75)
Pennington County Johnson Siding	31	1205MST 1210MST			0	0			Hail (1.75)
Pennington County Hisega	31	1205MST 1210MST			0	0			Hail (1.00)
Pennington County Mount Rushmore	31	1250MST 1255MST			0	0			Hail (0.75)
Custer County Custer State Park	31	1320MST 1330MST			0	0			Funnel Cloud
Custer County Mount Coolidge	31	1326MST 1340MST			0	0			Hail (2.00)
Harding County Buffalo	31	1415MST 1420MST			0	0			Hail (1.75)
Harding County Buffalo	31	1559MST 1605MST			0	0			Hail (0.75)
Harding County Ladner	31	1600MST 1605MST			0	0			Hail (1.75)
Harding County Harding	31	1615MST 1620MST			0	0			Hail (1.25)
<b><u>WYOMING, Northeast</u></b>									
Campbell County 14 NNW Recluse	05	1750MST 1800MST			0	0			Hail (1.00)
Campbell County 12 N Recluse	05	1800MST 1805MST			0	0			Thunderstorm Wind (G56)
Campbell County 12 N Recluse	05	1800MST 1815MST			0	0			Hail (1.50)
		1.5 inch hail covered ground on a 5 mile wide strip.							
Campbell County 16 NW Weston	05	1815MST 1820MST			0	0			Hail (1.75)
Crook County 4 W New Haven	05	1900MST 1910MST			0	0			Thunderstorm Wind (G52)
		Trees were downed.							
Crook County New Haven	05	1906MST 1910MST			0	0			Hail (1.00)
Crook County New Haven	05	1906MST 1910MST			0	0			Thunderstorm Wind (G56)



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### WYOMING, Northeast

#### Weston County

Four Corners	20	2005MST 2015MST			0	0			Hail (1.50)
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#### Campbell County

Wright	31	1150MST 1155MST			0	0			Hail (2.75)
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